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	L2	L1 and luciferase	28
\mathbf{n}	L1	phrixothrix	28

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Search Results - Record(s) 1 through 10 of 28 returned.

1. Document ID: US 20040002127 A1

Using default format because multiple data bases are involved.

L3: Entry 1 of 28

File: PGPB

Jan 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040002127

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040002127 A1

TITLE: Luciferase and photoprotein

PUBLICATION-DATE: January 1, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Inouye, Satoshi

Yokohama-shi

JР

US-CL-CURRENT: 435/8; 435/191, 435/320.1, 435/325, 435/69.1, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

2. Document ID: US 20030135871 A1

L3: Entry 2 of 28

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030135871

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030135871 A1

TITLE: Modified railroad worm red <u>luciferase</u> coding <u>sequences</u>

PUBLICATION-DATE: July 17, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY RULE-47

Nawotka, Kevin A. Zhang, Weisheng Alameda Fremont CA CA US US

US-CL-CURRENT: 800/8; 435/320.1, 435/325, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw D

3. Document ID: US 20030113741 A1

L3: Entry 3 of 28

File: PGPB

Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030113741

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030113741 A1

TITLE: Apparatus and method for detecting and identifying infectious agents

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bryan, Bruce J. Beverly Hills CA US Gaalema, Stephen Colorado Springs CO US Murphy, Randall B. Irvington NY US

US-CL-CURRENT: 435/6; 435/287.2, 435/7.9

Full Title Citation Front Review Classification Date Reference	Sequences Attachments Claims KMC Draw De

4. Document ID: US 20030092098 A1

L3: Entry 4 of 28 File: PGPB

May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030092098

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030092098 A1

TITLE: Renilla reniformis fluorescent proteins, <u>nucleic</u> acids encoding the fluorescent proteins and the use thereof in diagnostics, high throughput screening and novelty items

PUBLICATION-DATE: May 15, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bryan, Bruce Beverly Hills CA US Szent-Gyorgyi, Christopher Pittsburgh PA US Szczepaniak, William Pittsburgh PA US

US-CL-CURRENT: 435/69.1; 530/350

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims F	anc Draw De

5. Document ID: US 20030066096 A1

L3: Entry 5 of 28

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030066096

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030066096 A1

TITLE: Bioluminescent novelty items

PUBLICATION-DATE: April 3, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bryan, Bruce Beverly Hills CA US

US-CL-CURRENT: 800/8; 162/162, 42/54, 424/450, 424/456, 424/70.14, 442/131

Full Title Citation Front Re	view Classification Date Refe	rence Sequences	Attachments Claims	KNMC Draws De
	-			
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6. Document ID: US 20030059798 A1

L3: Entry 6 of 28 File: PGPB Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030059798

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030059798 A1

TITLE: Apparatus and method for detecting and identifying infectious agents

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bryan, Bruce J. Beverly Hills CA US Gaalema, Stephen Colorado Springs CO US Murphy, Randall B. Irvington NY US

US-CL-CURRENT: 435/6

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims	KNAC Drava De
The second secon	

7. Document ID: US 20030013103 A1

L3: Entry 7 of 28 File: PGPB Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030013103

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030013103 A1

TITLE: Apparatus and method for detecting and identifying infectious agents

PUBLICATION-DATE: January 16, 2003

INVENTOR-INFORMATION:

h eb bgeeef ef be

NAME CITY STATE COUNTRY RULE-47

Bryan, Bruce J. Beverly Hills CA US
Gaalema, Stephen Colorado Springs CO US
Murphy, Randall B. Irvington NY US

US-CL-CURRENT: 435/6; 356/319, 435/287.2, 435/7.9

Full Title Citation Front Review: Classification Date Reference Sequences Attachments Claims KNAC Draw De

8. Document ID: US 20020119542 A1

L3: Entry 8 of 28 File: PGPB Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020119542

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020119542 A1

TITLE: Nucleic acid molecules encoding red and green emitting luciferases

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Viviani, Vadim R. Somerville MA US Ohmiya, Yoshihiro Shimizu JP

US-CL-CURRENT: 435/189; 435/320.1, 435/325, 435/69.1, 435/8, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims 1990 Draw De

9. Document ID: US 20020102687 A1

L3: Entry 9 of 28 File: PGPB Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102687

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102687 A1

TITLE: <u>Luciferase</u> and photoprotein

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Inouye, Satoshi Yokohama-shi JP

US-CL-CURRENT: 435/189; 435/325, 435/8, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims 10000 Draw De

h eb b g ee ef ef b e

10. Document ID: US 20020090659 A1

L3: Entry 10 of 28

File: PGPB

Jul 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020090659

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020090659 A1

TITLE: Detection and visualization of neoplastic tissues and other tissues

PUBLICATION-DATE: July 11, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Bryan, Bruce

Beverly Hills

CA

US

US-CL-CURRENT: 435/7.23; 424/9.6

Full Title	Citation Front	Review Class	rication Date	Reference	Sequences	Attachmen	ts Claims	KWMC	Draw D
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L2	and (sequence	or gene or n	ucle\$)					28	

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Search Results - Record(s) 11 through 20 of 28 returned.

11. Document ID: US 20020004942 A1

Using default format because multiple data bases are involved.

L3: Entry 11 of 28

File: PGPB

Jan 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020004942

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020004942 A1

TITLE: Bioluminescent novelty items

PUBLICATION-DATE: January 10, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Bryan, Bruce

Beverly Hills

CA

US

US-CL-CURRENT: 800/288

Full Title Citation Front Review C	assification Date Reference Sequences	Attachments Claims KWIC Draw Do
	0000 D0	
12. Document ID: US 668	2899 B2	
L3: Entry 12 of 28	File: USPT	Jan 27, 2004

US-PAT-NO: 6682899

DOCUMENT-IDENTIFIER: US 6682899 B2

TITLE: Apparatus and method for detecting and identifying infectious agents

Fuil Title Citation Front Review Classification Date Reference Claims KWC Draw De 13. Document ID: US 6649357 B2 Nov 18, 2003

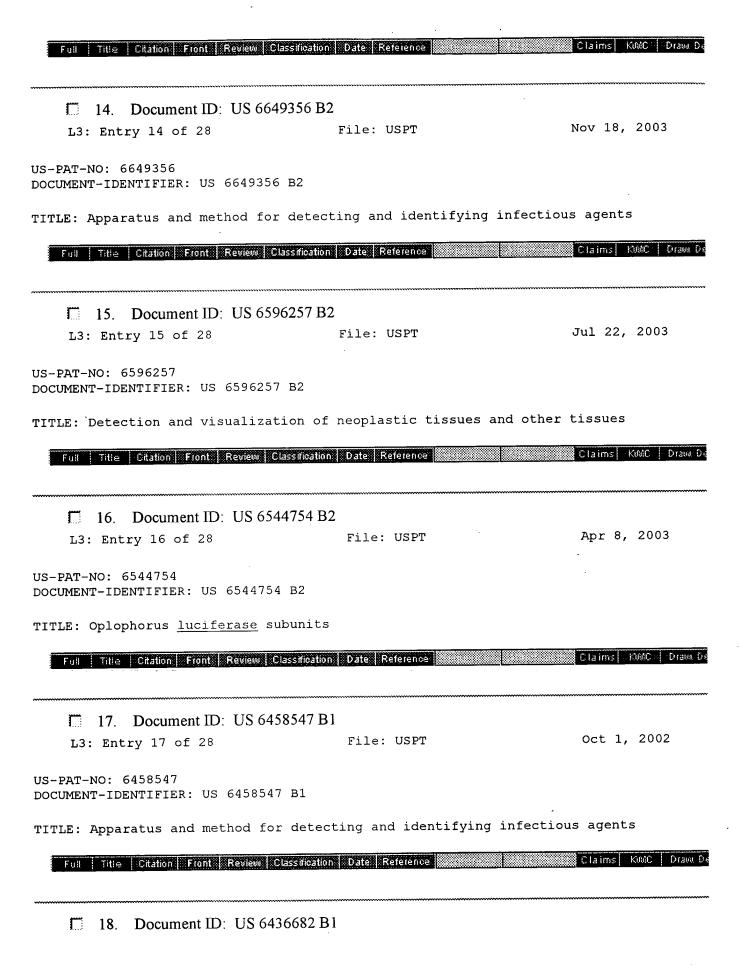
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US-PAT-NO: 6649357

DOCUMENT-IDENTIFIER: US 6649357 B2

L3: Entry 13 of 28

TITLE: Apparatus and method for detecting and identifying infectious agents



h e b b cg b cc e

L3: Entry 18 of 28

File: USPT

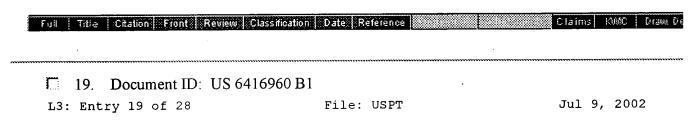
Aug 20, 2002

US-PAT-NO: 6436682

DOCUMENT-IDENTIFIER: US 6436682 B1

TITLE: Luciferases, fluorescent proteins, $\underline{\text{nucleic}}$ acids encoding the $\underline{\text{luciferases}}$ and fluorescent proteins and the use thereof in diagnostics, high throughput

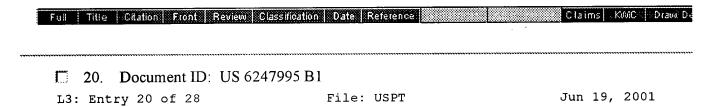
screening and novelty items



US-PAT-NO: 6416960

DOCUMENT-IDENTIFIER: US 6416960 B1

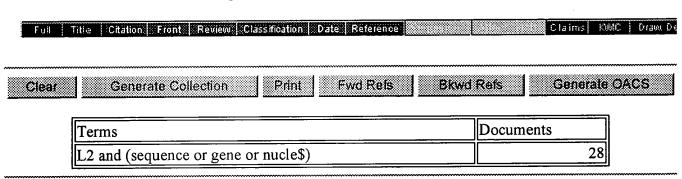
TITLE: Detection and visualization of neoplastic tissues and other tissues



US-PAT-NO: 6247995

DOCUMENT-IDENTIFIER: US 6247995 B1

TITLE: Bioluminescent novelty items



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Search Results - Record(s) 21 through 28 of 28 returned.

21. Document ID: US 6232107 B1

Using default format because multiple data bases are involved.

L3: Entry 21 of 28

File: USPT

May 15, 2001

US-PAT-NO: 6232107

DOCUMENT-IDENTIFIER: US 6232107 B1

TITLE: <u>Luciferases</u>, fluorescent proteins, <u>nucleic</u> acids encoding the <u>luciferases</u> and fluorescent proteins and the use thereof in diagnostics, high throughput

screening and novelty items

DATE-ISSUED: May 15, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

90210

COUNTRY

Sep 5, 2000

Bryan; Bruce J.

Beverly Hills

CA

Szent-Gyorgyi; Christopher

Pittsburgh

PA

US-CL-CURRENT: $\underline{435}/\underline{189}$; $\underline{435}/\underline{183}$, $\underline{435}/\underline{252.2}$, $\underline{435}/\underline{320.1}$, $\underline{435}/\underline{6}$, $\underline{435}/\underline{69.1}$, $\underline{435}/\underline{8}$

Full Title Citation Front Review Classification Date Reference Claims KWC Draw D.

Claims KWC Draw D.

22. Document ID: US 6152358 A

L3: Entry 22 of 28 File: USPT Nov 28, 2000

US-PAT-NO: 6152358

DOCUMENT-IDENTIFIER: US 6152358 A

** See image for Certificate of Correction **

TITLE: Bioluminescent novelty items

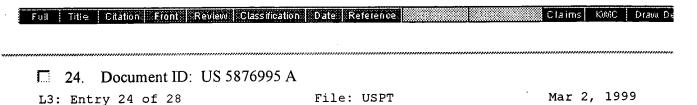
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L3: Entry 23 of 28

US-PAT-NO: 6113886
DOCUMENT-IDENTIFIER: US 6113886 A

** See image for Certificate of Correction **

TITLE: Bioluminescent novelty items

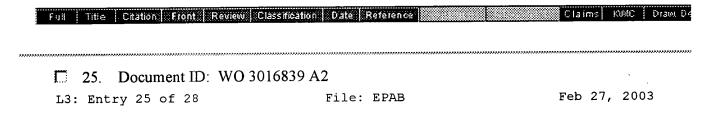


US-PAT-NO: 5876995

DOCUMENT-IDENTIFIER: US 5876995 A

** See image for Certificate of Correction **

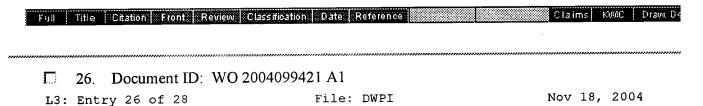
TITLE: Bioluminescent novelty items



PUB-NO: WO003016839A2

DOCUMENT-IDENTIFIER: WO 3016839 A2

TITLE: MODIFIED RAILROAD WORM RED LUCIFERASE CODING SEQUENCES

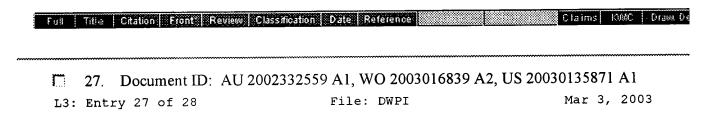


DERWENT-ACC-NO: 2004-821680

DERWENT-WEEK: 200481

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TITLE: Novel polypeptide comprising <u>Phrixothrix</u> red <u>luciferase</u> light emitting protein, useful for screening drug, and for detecting transcriptional activity of gene in cell



DERWENT-ACC-NO: 2003-268358

DERWENT-WEEK: 200452

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TITLE: Novel modified polynucleotide of Phrixothrix hirtus red Luciferase encoding polypeptide capable of mediating light-production, useful as reporter molecule in

host cells and/or transgenic animals '

Full	Title Citation Front R	eview Classification Date F	Reference	Claims	KOMC Drawn De
***************************************		·····		***************************************	
	28. Document ID:	US 20020119542 A1			
L3:	Entry 28 of 28	File:	DWPI	Aug 29,	2002

DERWENT-ACC-NO: 2002-618950

DERWENT-WEEK: 200266

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TITLE: Nucleic acid molecules encoding <u>luciferases</u> used as diagnostic tools

Full Title Citation Front Review Classification Date Reference	e Claims KWAC Draw.
	Bkwd Refs Generate OACS
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Terms	Documents
L2 and (sequence or gene or nucle\$)	28

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     7 DEC 09
NEWS 8 DEC 15
                MEDLINE update schedule for December 2004
NEWS 9 DEC 17
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      13 DEC 17
NEWS
     14 DEC 30 EPFULL: New patent full text database to be available on STN
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     15 DEC 30
                CAPLUS - PATENT COVERAGE EXPANDED
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                 CA/CAPLUS - Expanded patent coverage to include the Russian
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      17 JAN 26
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NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
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              AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
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=> s phrixothrix

L1 76 PHRIXOTHRIX

=> s l1 and luciferase

L2 63 L1 AND LUCIFERASE

=> s 12 and (sequence or gene)

7 FILES SEARCHED...

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AN 2005-01290 BIOTECHDS

Novel polypeptide comprising Phrixothrix red luciferase light emitting protein, useful for screening drug, and for detecting

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transcriptional activity of gene in cell;
         involving vector-mediated gene transfer and expression in
        host cell
     OHMIYA Y; NAKAJIMA Y
ΑU
     NAT INST ADVANCED IND SCI and TECHNOLOGY
PA
     WO 2004099421 18 Nov 2004
PΤ
     WO 2004-JP6362 30 Apr 2004
ΑI
     JP 2003-407564 5 Dec 2003; JP 2003-127629 6 May 2003
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    Use of osmolytes to heat-stabilize luciferase and/or apyrase
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    Biotage AB, Swed.
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                             20021021
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     GroEL chaperone binding to beetle luciferases and the
TΙ
     implications for refolding when co-expressed.
     Venkatesh Balan; Arifuzzaman Mohammad; Mori Hirotada; Taguchi Takahisa;
AU
     Ohmiya Yoshihiro
     Cell Dynamics Research Group, National Institute of Advanced Industrial
CS
     Science and Technology, Ikeda, Osaka 563-8577, Japan...
     venkatesh balan@hotmail.com
     Bioscience, biotechnology, and biochemistry, (2004 Oct) 68 (10) 2096-103.
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     Improved expression of novel red- and green-emitting luciferases
ΤI
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of Phrixothrix railroad worms in mammalian cells. Nakajima Yoshihiro; Kimura Takuma; Suzuki Chie; Ohmiya Yoshihiro ΑU Cell Dynamics Research Group, Research Institute for Cell Engineering, CS National Institute of Advanced Industrial Science and Technology, Ikeda, Osaka, Japan.. y-nakajima@aist.go.jp Bioscience, biotechnology, and biochemistry, (2004 Apr) 68 (4) 948-51. SO Journal code: 9205717. ISSN: 0916-8451. Japan CY Journal; Article; (JOURNAL ARTICLE) DTLΑ English FS Priority Journals 200501 EΜ Entered STN: 20040501 ED Last Updated on STN: 20050112 Entered Medline: 20050111 ANSWER 5 OF 15 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on L4STN 2005:27474 BIOSIS ANDN PREV200500026417 A novel tricolour reporter assay system for simultaneous monitoring of ΤI multiple gene expressions. Nakajima, Y.; Ohmiya, Y. ΑU Luminescence (Chichester), (May 2004) Vol. 19, No. 3, pp. 165. print. SO Meeting Info.: 13th International Symposium on Bioluminescence and Chemiluminescence. Yokohama, Japan. August 02-06, 2004. ISSN: 1522-7235 (ISSN print). DTConference; (Meeting) Conference; Abstract; (Meeting Abstract) LΑ English Entered STN: 5 Jan 2005 ED Last Updated on STN: 5 Jan 2005 DUPLICATE 4 MEDLINE on STN ANSWER 6 OF 15 L4MEDLINE 2004237193 ANPubMed ID: 15135064 DN Bidirectional role of orphan nuclear receptor RORalpha in clock TΙ gene transcriptions demonstrated by a novel reporter assay system. Nakajima Yoshihiro; Ikeda Masaaki; Kimura Takuma; Honma Sato; Ohmiya ΑU Yoshihiro; Honma Ken-ichi Cell Dynamics Research Group, Research Institute for Cell Engineering, CS National Institute of Advanced Industrial Science and Technology (AIST), Midorigaoka, Ikeda, Osaka 563-8577, Japan.. y-nakajima@aist.go.jp FEBS letters, (2004 May 7) 565 (1-3) 122-6. SO Journal code: 0155157. ISSN: 0014-5793. Netherlands CYJournal; Article; (JOURNAL ARTICLE) DT LΑ English Priority Journals FS 200406 EM Entered STN: 20040512 ED Last Updated on STN: 20040625 Entered Medline: 20040623 DUPLICATE 5 ANSWER 7 OF 15 MEDLINE on STN L4MEDLINE AN2004155193 PubMed ID: 15047906 DN The influence of the region between residues 220 and 344 and beyond in ΤI Phrixotrix railroad, worm luciferases green and red bioluminescence.

Viviani Vadim R; Joaquim da Silva Neto Antonio; Ohmiya Yoshihiro

Department of Molecular and Cellular Biology, Harvard University,

Cambridge, MA, USA.. viviani@rc.unesp.br Protein Eng Des Sel, (2004 Feb) 17 (2) 113-7.

AU

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SO

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Journal code: 101186484. ISSN: 1741-0126.
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L4
                                                         DUPLICATE 6
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     Department of Biological Science, Graduate School of Science, Core
CS
     Research for Evolutional Science and Technology (CREST), Japan Science and
     Technology Agency (JST), Nagoya University, Furo-cho, Chikusa-ku, Nagoya,
     Aichi, 464-8602, Japan
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     Japanese
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      2003-12415 BIOTECHDS
ΑN
      Novel modified polynucleotide of Phrixothrix hirtus red
ΤI
      luciferase encoding polypeptide capable of mediating
      light-production, useful as reporter molecule in host cells and/or
      transgenic animals;
         recombinant enzyme protein production useful for gene
         expression monitoring
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TΙ
        vector-mediated Phrixothrix vivianii recombinant enzyme
        gene transfer and expression in host cell for disease
        diagnosis
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PΑ
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     Department of Biochemistry, Shizuoka University, Shizuoka-shi, Japan..
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SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 20:10:11 ON 10 FEB 2005

FULL ESTIMATED COST

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